

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003329453
PUBLICATION DATE : 19-11-03

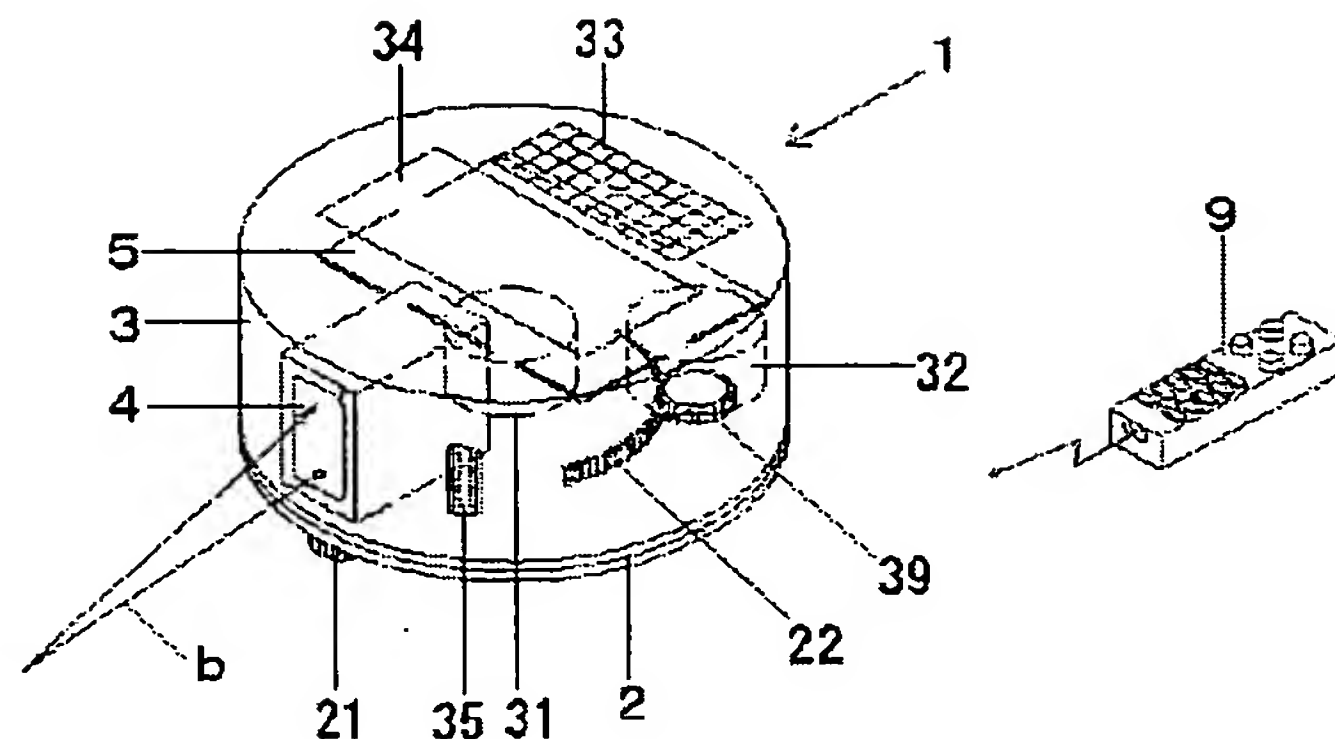
APPLICATION DATE : 10-05-02
APPLICATION NUMBER : 2002136317

APPLICANT : KYOKUTO SANKI CO LTD;

INVENTOR : KOROYASU ARATA;

INT.CL. : G01C 15/00 G01B 11/00 G01B 11/02

TITLE : DIMENSION MEASURING DEVICE FOR ROOM



ABSTRACT : PROBLEM TO BE SOLVED: To perform the precise measurement corresponding to various shapes of rooms to be measured, by roughly collecting the data of an intermediate part of a straight line part of a threshold sill by widening an interval of measurement angles, and precisely collecting the data by narrowing the interval of measurement angles at a corner part and near a center pillar.

SOLUTION: This dimension measuring device comprises a base 2, a rotatable turntable 3 mounted on the base 2, a rotary encoder 31 for detecting a rotating angle of the turntable 3 to the base 2, a motor 32 for rotating the turntable 3, and a laser distance meter 4 loaded on the turntable 3, the laser distance meter 4 is operated while rotating the turntable 3 by the motor 32, and the distance data outputted from the laser distance meter 4 is collected with the direction data at every rotation by a specific angle.

COPYRIGHT: (C)2004,JPO